

## CLAIMS

- 1 1. A method for deploying a public switched telephone network intelligent call  
2 routing engine in the management of voice calls on a digital packetized communications  
3 network employing an Internet protocol comprising the steps of:  
4 packetizing voice call messages containing control messages and data, wherein  
5 call control messages include call control operations and parameters,  
6 intercepting call control messages,  
7 directing the call control messages to a communications network applications  
8 manager,  
9 mapping call control operations and parameters to public switched telephone net-  
10 work intelligent call routing engine call operations and parameters,  
11 resolving destination and endpoints from the mapped call control operations and  
12 parameters,  
13 executing a user defined script that further resolves destination and endpoints, and  
14 re-mapping public switched telephone network intelligent call routing engine op-  
15 erations and parameters to the resolved destination and endpoints.
- 1 2. Apparatus for deploying a public switched telephone network intelligent call  
2 routing engine in the management of voice calls on a digital packetized communications  
3 network employing an Internet protocol comprising:  
4 a digitizer for digitizing and packetizing voice call messages containing control  
5 messages and data, wherein call control messages include call control operations and pa-  
6 rameters,  
7 means for intercepting call control messages,  
8 means for directing the call control messages to a communications network appli-  
9 cations manager,

10 means for mapping call control operations and parameters to public switched  
11 telephone network intelligent call routing engine call operations and parameters,  
12 means for resolving destination and endpoints from the mapped call control op-  
13 erations and parameters,  
14 means for executing a user defined script that further resolves destination and  
15 endpoints, and  
16 means for re-mapping public switched telephone network intelligent call routing  
17 engine operations and parameters to the resolved destination and endpoints.